

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cylindrical rotor for an epilating device which includes a support body containing an electrical motor which in use provides a rotational drive to said cylindrical rotor, said cylindrical rotor including:

a rotor body;

a shaft extending through said rotor body and defining an axis of rotation about which said rotor body can rotate, said shaft comprising a cam surface configured as an annular slot within said shaft; and

at least one array of radially extending blade pairs positioned to present mutually interacting pinching edges of each said blade pair at a circumference of the cylindrical rotor, each blade pair including a rotor body stationary blade and a blade movable relative to said stationary blade,

wherein each of said movable blades of said at least one array is mounted on a shuttle carried by said rotor body, ~~and~~ said shuttle being in a cammed disposition with said shaft; and said cammed disposition being of a kind wherein cooperative surfaces of said shaft and said shuttle, upon ~~the~~ a relative rotation of said shaft with said rotor body and said shuttle carried with said rotor body, moves said shuttle in an oscillating manner in a direction ~~directions~~ parallel to the axis of rotation of said rotor body, in a manner to repeatedly bring said movable and stationary blades of each blade pair into and subsequently out of mutual engagement at least at the circumference of said cylindrical rotor to entrap and subsequently release hairs there between, and

wherein said shuttle includes a cam follower upstand snugly located within said annular slot and projecting for engagement with said cam surface of said shaft to positively control the positioning of said shuttle in its reciprocating movement relative to said rotor body.

2. (Original) A cylindrical rotor as claimed in claim 1 wherein said blades of each blade pair are non parallel to each other in a manner to place the pinching edges of the blades of each blade pair at said circumference more proximate to each other.

3. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein said blades of each blade pair include planar facing regions extending radially inwardly from said pinching edges.

4. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein said pinching edges are ~~annularly extending~~ arcuate edges with a radius substantially similar to the cylindrical rotor.

5. (Currently Amended) A cylindrical rotor as claimed in claim 3 wherein for each blade pair, said pinching edges of the stationary blade and the movable blade are more proximate ~~more~~ to each other than the planar facing regions ~~in consequence~~ of said blades at least at when said planar facing regions are ~~being~~ inclined to each other.

6. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein one of said movable and stationary blades of each blade pair is inclined to the radial plane of said cylindrical rotor, the other of each blade pair is parallel to the radial plane of said cylindrical rotor.

7. (Currently Amended) A cylindrical rotor as claimed in claim 3 wherein the planar facing region of one of said movable and stationary ~~blades~~ blade of each blade pair is inclined to the radial plane of said cylindrical rotor, and wherein the planar facing region of the other blade of each blade pair is parallel to the radial plane of said cylindrical rotor.

8. (Previously Presented) A cylindrical rotor as claimed in claim 3 wherein said blades are made from a resiliently flexible sheet metal, wherein the blades of each pair, when in mutual engagement with each other are in pinching edge to pinching edge contact and in at least part planar facing region to planar facing region contact.

9. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein each said movable blade is movably positioned relative to its respective stationary blade of said blade pair so that upon the rotation of said rotor body relative to said shaft, said blades of each said blade pair move into and subsequently out of relative engagement with each other, at least at the circumference of said cylindrical rotor.

10. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein said array includes at least two blade pairs.
11. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein said array includes at least three blade pairs.
12. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein said array includes at least five blade pairs.
13. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein at least two arrays of blade pairs are provided, each array being separated from the adjacent array and ~~equi-spaced~~ being equidistant from each other at least on the circumference of said cylindrical rotor.
14. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein three arrays of said blade pairs are provided, said arrays being equidistant ~~equi-spaced~~ from each other on the circumference of said cylindrical rotor.
15. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein said rotor body defines a cavity within which said shuttle is engaged and captured and in a manner to allow said shuttle so oscillate in an axial direction relative to the rotor body yet remain stationary in said rotational direction relative to said rotor body.
16. (Original) A cylindrical rotor as claimed in claim 15 wherein said cavity includes at least one opening to the perimeter of said rotor body at which said pinching edges of said blade pairs of an array of blades is disposed.
17. (Previously Presented) A cylindrical rotor as claimed in claim 16 wherein said rotor body includes a perimeter surface intermediate said at least one opening, said perimeter surface in part defining the cylindrical perimeter of said cylindrical rotor.

18. (Previously Presented) A cylindrical rotor as claimed in claim 17 wherein said perimeter surface intermediate of said at least one opening includes annularly extending grooves.
19. (Previously Presented) A cylindrical rotor as claimed in claim 17 wherein said perimeter surface intermediate of said at least one opening includes annularly extending grooves, axially spaced from each other and annularly aligned with each of said pair of blades of said array.
20. (Previously Presented) A cylindrical rotor as claimed in claim 17 wherein said perimeter surface intermediate of said at least one opening includes annularly extending grooves, axially spaced from each other and annularly aligned with the space between each of said pair of blades when in said non engaged condition, in order to encourage the alignment of hair with which said perimeter surface is in contact with to align for capturing between a blade pair.
21. (Currently Amended) A cylindrical rotor as claimed in claim 13 wherein the plurality of said stationary blades of a first array are in annular alignment with ~~the~~ corresponding stationary blades of the other array(s) of blades.
22. (Currently Amended) A cylindrical rotor as claimed in claim 13 wherein a said shuttle for each array is provided to move ~~independent~~ independently of said other shuttles.
23. (Canceled)
24. (Canceled)
25. (Currently Amended) A cylindrical rotor as claimed in claim ~~24~~ 1 wherein said shaft includes at least two annular slots and wherein said shuttle includes at least two axially spaced upstands, each located within a respective annular slot of said shaft.
26. (Previously Presented) A cylindrical rotor as claimed in claim 1 wherein a camming relationship between said shuttle and said shaft moves said shuttle from a predominant axial position to an intermittent axial position, said predominant axial position corresponding to placing of each blade pair in a non engaged condition and said intermittent axial position corresponding to an engaged condition.

27. (Currently Amended) A cylindrical rotor as claimed in claim 1 wherein said shaft extends longitudinally from at least one end of said rotor and wherein said shaft includes stub ends means to capture said shaft with within said support body and to lock said shaft from rotating with respect to said support body.

28. (Currently Amended) An epilating device comprising a housing containing a motor which rotationally drives a cylindrical rotor mounted to said housing, said cylindrical rotor partly exposing part of its perimeter through an opening of said housing, said cylindrical rotor further including

- i. a rotor body, ~~and~~ ;
- ii. a shaft extending through said rotor body and defining an axis of rotation about which said rotor body can rotate, said shaft remaining stationary to said housing, said shaft comprising a cam surface configured as an annular slot within said shaft; and
- iii. at least one array of radially extending blade pairs positioned to present mutually interacting pinching edges of each said blade pair at the circumference of the cylindrical rotor, each blade pair including a rotor body stationary blade and a blade movable relative to said stationary blade

wherein each of said movable blades of said at least one array is mounted on a shuttle carried by said rotor body, said shuttle being ~~and~~ in a cammed disposition with said shaft,

wherein in said cammed disposition cooperative surfaces of said shaft and said shuttle, upon the relative rotation of said rotor body and said shuttle carried with said rotor body about said shaft, moves said shuttle in an oscillating manner in the directions parallel to the axis of rotation of said rotor body, in a manner to repeatedly bring each said blade pair into and subsequently out of mutual engagement at least at the circumference of said cylindrical rotor to entrap and subsequently release hairs there between, said movement between said blade pairs being coincident with the passing of said blade pairs through said opening of said housing; and

wherein said shuttle includes a cam follower upstand snugly located within said annular slot and projecting for engagement with said cam surface of said shaft to positively control the positioning of said shuttle in its reciprocating movement relative to said rotor body.

29. (Original) An epilating device as claimed in claim 28 wherein said rotor body is mounted to said housing by said shaft.